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### 1 [SOMA: mutual approval for included content in web pages](#)

[Terri Oda, Glenn Wurster, P. C. van Oorschot, Anil Somayaji](#)  
 October CCS '08: Proceedings of the 15th ACM conference on Computer and communications security

**Publisher:** ACM

 Full text available: Pdf (207.12 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)
**Bibliometrics:** Downloads (6 Weeks): 44, Downloads (12 Months): 93, Citation Count: 0

Unrestricted information flows are a key security weakness of current web design. Cross-site scripting, cross-site request forgery, and other attacks typically require that information be sent or retrieved from arbitrary, often malicious, web servers. ...

Keywords: cross-site request forgery (XSRF), cross-site scripting (XSS), javascript, same origin policy, web security

### 2 [Ontological user profiling in recommender systems](#)

[Stuart E. Middleton, Nigel R. Shadbolt, David C. De Roure](#)  
 January Transactions on Information Systems (TOIS) , Volume 22 Issue 1 2004

**Publisher:** ACM

 Full text available: Pdf (358.77 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)
**Bibliometrics:** Downloads (6 Weeks): 62, Downloads (12 Months): 522, Citation Count: 24

We explore a novel ontological approach to user profiling within recommender systems, working on the problem of recommending on-line academic research papers. Our two experimental systems, Quickstep and Foxtrot, create user profiles from unobtrusively ...

Keywords: Agent, machine learning, ontology, personalization, recommender systems, user modelling, user profiling

### 3 Capturing knowledge of user preferences: ontologies in recommender systems



Stuart E. Middleton, David C. De Roure, Nigel R. Shadbolt

October K-CAP '01: Proceedings of the 1st international conference on  
2001 Knowledge capture

**Publisher:** ACM

Full text available: Pdf (261.93 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),  
[index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 26, Downloads (12 Months): 177, Citation Count: 15

Tools for filtering the World Wide Web exist, but they are hampered by the difficulty of capturing user preferences in such a dynamic environment. We explore the acquisition of user profiles by unobtrusive monitoring of browsing behaviour and application ...

Keyw ords: machine learning, ontology, recommender system, user profiling

### 4 Building social discourse around mobile photos: a systemic perspective



Risto Sarvas, Antti Oulasvirta, Giulio Jacucci

September MobileHCI '05: Proceedings of the 7th international conference on  
2005 Human computer interaction with mobile devices & services

**Publisher:** ACM

Full text available: Pdf (1.53 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),  
[index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 136, Citation Count: 11

Camera phones have been viewed simplistically as digital cameras with poor picture quality while neglecting the utility of the two key functionalities of mobile phones: network connection and access to personal information. This is the first HCI paper ...

Keyw ords: camera phones, digital image management, heterogeneity, systemic perspective, user interface design, user study

### 5 Inspiring teamwork & communication with a content management system



Daniel B. Delgado

October SIGUCCS '07: Proceedings of the 35th annual ACM SIGUCCS conference  
2007 on User services

**Publisher:** ACM

Full text available: Pdf (205.68 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 41, Downloads (12 Months): 308, Citation Count: 0

Content Management Systems (CMS) take many shapes and forms and most are familiar with them. CMSs include everything from portals to blogs and wikis. Many organizations use CMS as websites to collate and organize information in readily available chunks. ...

Keyw ords: AT, CIRCA, CMS, Daniel Delgado, UF, University of Florida, communication, content management system, deploying software systems, e107, requirements gathering, teamwork, technology consultants

**6** [Proceeding of the 16th ACM international conference on Multimedia](#)



[Abdulmotaleb EL Saddik](#), [Son Vuong](#), [Carsten Griwodz](#), [Alberto Del Bimbo](#), [K. Selcuk Candan](#), [Alejandro Jaimes](#)

October 2008 MM '08: Proceeding of the 16th ACM international conference on Multimedia

**Publisher:** ACM

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

Welcome to the sixteenth ACM International Conference on Multimedia (ACM MM 2008), held October 27-31, 2008 at the Pan Pacific Hotel in Vancouver, BC, Canada. Vancouver, situated on Canada's east coast, enjoys a milder climate than much of Canada. As ...

**7** [The state of the art in locally distributed Web-server systems](#)



[Valeria Cardellini](#), [Emiliano Casalicchio](#), [Michele Colajanni](#), [Philip S. Yu](#)

June 2002 Computing Surveys (CSUR) , Volume 34 Issue 2

**Publisher:** ACM

Full text available: Pdf (1.41 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 75, Downloads (12 Months): 667, Citation Count: 33

The overall increase in traffic on the World Wide Web is augmenting user-perceived response times from popular Web sites, especially in conjunction with special events. System platforms that do not replicate information content cannot provide the needed ...

Keyw ords: Client/server, World Wide Web, cluster-based architectures, dispatching algorithms, distributed systems, load balancing, routing mechanisms

**8** [Measuring and characterizing end-to-end Internet service performance](#)



[Ludmila Cherkasova](#), [Yun Fu](#), [Wenting Tang](#), [Amin Vahdat](#)

November 2003 Transactions on Internet Technology (TOIT) , Volume 3 Issue 4

**Publisher:** ACM

Full text available: Pdf (1.46 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 24, Downloads (12 Months): 206, Citation Count: 5

Fundamental to the design of reliable, high-performance network services is an understanding of the performance characteristics of the service as perceived by the client population as a whole. Understanding and measuring such end-to-end service performance ...

Keyw ords: End-to-end service performance, QoS, network packet traces, passive monitoring, reconstruction of web page composition, web site performance

9 [Designing a distributed access control processor for network services on the](#)



[Web](#)

[Reiner Kraft](#)

November XMLSEC '02: Proceedings of the 2002 ACM workshop on XML security 2002

**Publisher:** ACM

Full text available: [Pdf](#) (301.14 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 26, Downloads (12 Months): 167, Citation Count: 4

The service oriented architecture (SOA) is gaining more momentum with the advent of network services on the Web. A programmable and machine accessible Web is the vision of many, and might represent a step towards the semantic Web. However, security is ...

Keyw ords: Web services, XML, access control, security

10 [Not quite the average: An empirical study of Web use](#)



[Harald Weinreich](#), [Hartmut Obendorf](#), [Eelco Herder](#), [Matthias Mayer](#)

February Transactions on the Web (TWEB) , Volume 2 Issue 1 2008

**Publisher:** ACM

Full text available: [Pdf](#) (967.16 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 92, Downloads (12 Months): 1968, Citation Count: 0

In the past decade, the World Wide Web has been subject to dramatic changes. Web sites have evolved from static information resources to dynamic and interactive applications that are used for a broad scope of activities on a daily basis. To examine the ...

Keyw ords: Navigation, WWW, Web, browser interfaces, hypertext, usability, user study, web browsing, web design

11 [A survey of Web metrics](#)



[Devanshu Dhyani](#), [Wee Keong Ng](#), [Sourav S. Bhowmick](#)

December Computing Surveys (CSUR) , Volume 34 Issue 4 2002

**Publisher:** ACM

Full text available: [Pdf](#) (289.28 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 66, Downloads (12 Months): 658, Citation Count: 21

The unabated growth and increasing significance of the World Wide Web has resulted in a flurry of research activity to improve its capacity for serving information more effectively. But at the heart of these efforts lie implicit assumptions about "quality" ...

Keyw ords: Information theoretic, PageRank, Web graph, Web metrics, Web page similarity, quality metrics

## 12 [Object prefetching using semantic links](#)



Alexander P. Pons

January 2006

SI GMI S Database , Volume 37 Issue 1

**Publisher:** ACM

Full text available: Pdf (1.31 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 97, Citation Count: 1

To date the most common means of gaining access to the Internet continues to be via dial-up modem connections. These slow communication channels significantly affect the rendering of the majority of web pages. Higher speed communications channels can ...

Keyw ords: semantic links, web-application, web-prefetching

## 13 [Web mining for web personalization](#)



Magdalini Eirinaki, Michalis Vazirgiannis

February 2003

Transactions on Internet Technology (TOIT) , Volume 3 Issue 1

**Publisher:** ACM

Full text available: Pdf (293.73 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

**Bibliometrics:** Downloads (6 Weeks): 181, Downloads (12 Months): 1381, Citation Count: 37

Web personalization is the process of customizing a Web site to the needs of specific users, taking advantage of the knowledge acquired from the analysis of the user's navigational behavior (usage data) in correlation with other information collected ...

Keyw ords: WWW, Web personalization, Web usage mining, user profiling

## 14 [Model-driven development of Web applications: the AutoWeb system](#)



Piero Fraternali, Paolo Paolini

October 2000

Transactions on Information Systems (TOIS) , Volume 18 Issue 4

**Publisher:** ACM

Full text available: Pdf (6.94 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 42, Downloads (12 Months): 442, Citation Count: 22

This paper describes a methodology for the development of WWW applications and a tool environment specifically tailored for the methodology. The methodology and the development environment are based upon models and techniques already used in the hypermedia, ...

Keyw ords: HTML, WWW, application, development, intranet, modeling

**15** [Image Retrieval from the World Wide Web: Issues, Techniques, and Systems](#)



[M. L. Kherfi](#), [D. Ziou](#), [A. Bernardi](#)

March      Computing Surveys (CSUR) , Volume 36 Issue 1  
2004

**Publisher:** ACM

Full text available: Pdf (294.13  
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),  
[index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 83, Downloads (12 Months): 991, Citation Count: 16

With the explosive growth of the World Wide Web, the public is gaining access to massive amounts of information. However, locating needed and relevant information remains a difficult task, whether the information is textual or visual. Text search engines ...

Keyw ords: Image-retrieval, World Wide Web, crawling, feature extraction and selection, indexing, relevance feedback, search, similarity

**16** [Process modeling in Web applications](#)



[Marco Brambilla](#), [Stefano Ceri](#), [Piero Fraternali](#), [Ioana Manolescu](#)

October      Transactions on Software Engineering and Methodology (TOSEM) ,  
2006      Volume 15 Issue 4

**Publisher:** ACM

Full text available: Pdf (1.17  
MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 122, Downloads (12 Months): 1154, Citation Count: 11

While Web applications evolve towards ubiquitous, enterprise-wide or multienterprise information systems, they face new requirements, such as the capability of managing complex processes spanning multiple users and organizations, by interconnecting software ...

Keyw ords: Web applications, Web engineering, conceptual modeling, workflows

**17** [Server-centric Web frameworks: An overview](#)



[Iwan Vosloo](#), [Derrick G. Kourie](#)

April      Computing Surveys (CSUR) , Volume 40 Issue 2  
2008

**Publisher:** ACM

Full text available: Pdf (254.93  
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 177, Downloads (12 Months): 1919, Citation Count: 0

Most contemporary Web frameworks may be classified as server-centric. An overview of such Web frameworks is presented. It is based on information gleaned from surveying 80 server-centric Web frameworks, as well as from popular related specifications. ...

Keyw ords: Architecture, specification techniques, user interfaces, web frameworks

**18** [PageCluster: Mining conceptual link hierarchies from Web log files for adaptive](#)



[Web site navigation](#)

[Jianhan Zhu](#), [Jun Hong](#), [John G. Hughes](#)

May Transactions on Internet Technology (TOIT) , Volume 4 Issue 2  
2004

**Publisher:** ACM

Full text available: Pdf (280.84 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 95, Citation Count: 3

User traversals on hyperlinks between Web pages can reveal semantic relationships between these pages. We use user traversals on hyperlinks as weights to measure semantic relationships between Web pages. On the basis of these weights, we propose a novel ...

Keyw ords: Link hierarchies, Web site navigation, bibliographic analysis, clustering, conceptual link hierarchies, link similarity

**19** [Web wallet: preventing phishing attacks by revealing user intentions](#)



[Min Wu](#), [Robert C. Miller](#), [Greg Little](#)

July SOUPS '06: Proceedings of the second symposium on Usable privacy and  
2006 security

**Publisher:** ACM

Full text available: Pdf (379.56 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 40, Downloads (12 Months): 221, Citation Count: 11

We introduce a new anti-phishing solution, the Web Wallet. The Web Wallet is a browser sidebar which users can use to submit their sensitive information online. It detects phishing attacks by determining where users intend to submit their information ...

Keyw ords: e-commerce, user interface design, user study, world wide web and hypermedia

**20** [Communications of the ACM: Volume 51 Issue 7](#)



July 2008 Communications of the ACM

**Publisher:** ACM

Full text available: Digital Edition , Pdf (6.54 MB) Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): 4302, Downloads (12 Months): 8264, Citation Count: 0

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